

ABSTRACT OF THE DISCLOSURE

A fiber optic cable and methods for manufacturing the same the fiber optic cable including a fiber optic cable core, the fiber optic cable core includes at least one optical fiber and a separation layer. The separation layer generally surrounds the at least one optical fiber, and a cable jacket generally surrounds the separation layer. The cable jacket has an average shrinkage of about 2.0% or less during a cable jacket shrinkage test conducted at a temperature of 110°C for 2 hours with the cable core removed. The low-shrink characteristic of the cable jacket preserves optical performance during, for example, temperature variations.

[illegible]